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## #42 Collection #42 Tracking/Designated Lineages Fastest 100 Plus Recent Designations

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This collection keeps track of recent designated lineages - daily updated

Suggested baseline (6 Dec 2023):

JN.1\* (Nextclade)

This collection was last updated at Tue 05 Mar 2024 18:32 UTC.

### Variants

World

from  to

**Baseline:** You can select a baseline variant to compare the variants in the collection against that variant. **Currently, the baseline variant is XBB.1.5\* (Nextclade).**

xbb.1.5\* (Nextclade) 

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Name	Query	Number sequences	Submitted in past 10 days	Relative growth advant... 	CI (low)	CI (high)	Description
 <a href="#">KP.1.1 (JN.1.11.1.1.1; BA.2.86.1.1.11.1.1)</a>	JN.1.11.1* (Nextclade) + S:K1086R, S:R346T	8	5	361.48%	64.30%	658.66%	S:R346T
 <a href="#">KP.2 (JN.1.11.1.2; BA.2.86.1.1.11.1.2)</a>	(nextcladePangoLineage:JN.1.11.1 & S:R346T &! S:K1086R)   nextcladePangoLineage:KP.2*	14	11	273.15%	124.01%	422.28%	S:R346T
 <a href="#">KP.1 (JN.1.11.1.1; BA.2.86.1.1.11.1.1)</a>	JN.1.11* (Nextclade) + S:F456L, S:K1086R	48	12	184.46%	135.15%	233.78%	S:K1086R
 <a href="#">KQ.1 (JN.1.4.3.1; BA.2.86.1.1.4.3.1)</a>	JN.1.4.3* (Nextclade) + S:R346T	68	32	173.31%	134.06%	212.56%	S:R346T
 <a href="#">XDK.1</a>	XDK* (Nextclade) + S:R346T	6	1	159.65%	57.10%	262.20%	<a href="#">Chat</a>

★ <u>JN.1.7.1 (BA.2.86.1.1.7.1)</u>	JN.1.7* (Nextclade) + S:R346K	21	6	147.50%	96.42%	198.57%	S:R346K
★ <u>KR.1 (JN.1.5.1; BA.2.86.1.1.5.1)</u>	JN.1.1* (Nextclade) + C28498T + S:R346T, S:F456L	10	4	145.49%	74.98%	215.99%	C28498T S:F456L
★ <u>JN.1.25.1 (BA.2.86.1.1.25.1)</u>	JN.1* (Nextclade) + C706T, A7708T + S:R346T	11	3	126.85%	69.64%	184.06%	S:R346T
★ <u>JN.1.13.1 (BA.2.86.1.1.13.1)</u>	JN.1.13* (Nextclade) + S:R346T, S:F59S	234	58	124.15%	109.09%	139.21%	S:R346T S:F59S
★ <u>XDQ.1</u>	XDQ* (Nextclade) + S:A475V	40	2	122.63%	91.92%	153.34%	S:A475V
★ <u>JN.1.11.1 (BA.2.86.1.1.11.1)</u>	JN.1.11.1* (Nextclade)	171	57	122.26%	105.97%	138.55%	S:F456L
★ <u>JN.1.7.2 (BA.2.86.1.1.7.2)</u>	JN.1.7* (Nextclade) + ORF1b:C1563F (nextcladePangoLineage:JN.1 & [3-of:S:K444R, S:Y453F, ORF1a:A307V, ORF1a:P2144L]) I nextcladePangoLineage:JN.1.23*	121	38	121.95%	103.04%	140.86%	ORF1b:C1563F NSP14:C
★ <u>JN.1.23 (BA.2.86.1.1.23)</u>		14	2	116.93%	70.46%	163.40%	S:K444R S:Y453F ORF1 NSP3:P1326L
★ <u>JN.1.13 (BA.2.86.1.1.13)</u>	JN.1.13* (Nextclade)	256	59	116.03%	102.78%	129.28%	S:A1087S
★ <u>JN.1.7 (BA.2.86.1.1.7)</u>	JN.1.7* (Nextclade)	1 694	337	104.09%	98.28%	109.89%	S:T572I S:E1150D
★ <u>JN.1.11 (BA.2.86.1.1.11)</u>	JN.1.11* (Nextclade)	259	72	101.59%	90.78%	112.41%	G17334T S:V1104L
★ <u>XDS</u>	XDS* (Nextclade)	40	3	101.42%	77.33%	125.52%	EG.5.1.3/JN.3.2.1 recombinant
★ <u>JN.1.4.3 (BA.2.86.1.1.4.3)</u>	JN.1.4.3* (Nextclade)	656	138	92.28%	85.52%	99.04%	S:T572I
★ <u>JN.1.16 (BA.2.86.1.1.16)</u>	JN.1.16* (Nextclade)	266	52	88.65%	79.56%	97.74%	S:F456L
★ <u>XDP</u>	XDP* (Nextclade)	407	57	87.65%	79.96%	95.35%	JN.1.4/FL.15 recombinant
★ <u>Sequences with Slip (S:L455S and S:F456L)</u>	S:L455S, S:F456L	586	149	86.13%	79.75%	92.52%	S:L455S S:F456L
★ <u>JN.1.9.1 (BA.2.86.1.1.9.1)</u>	JN.1.9.1* (Nextclade)	57	3	85.37%	68.31%	102.43%	S:T572I ORF1a:A3143V
★ <u>XDN</u>	XDN* (Nextclade)	184	5	82.79%	72.75%	92.83%	JN.1.1/JD.1 recombinant
★ <u>XDT</u>	XDT* (Nextclade)	55	10	82.03%	65.73%	98.33%	BA.2.86.4/GK.1 recombinant
★ <u>XDQ</u>	XDQ* (Nextclade)	116	10	80.81%	69.02%	92.61%	BA.2.86.1/FL.15.1.1 recombinant
★ <u>JN.1.8.1 (BA.2.86.1.1.8.1)</u>	JN.1.8.1* (Nextclade)	1 692	237	79.52%	75.52%	83.52%	S:T572I
★ <u>JN.1.18 (BA.2.86.1.1.18)</u>	JN.1.18* (Nextclade)	912	161	75.51%	70.87%	80.15%	S:R346T direct on the poly
★ <u>JN.1.25 (BA.2.86.1.1.25)</u>	JN.1* (Nextclade) + C706T, A7708T	33	9	72.70%	53.99%	91.41%	C706T A7708T
★ <u>JN.1.20 (BA.2.86.1.1.20)</u>	JN.1.20* (Nextclade)	370	25	70.90%	64.66%	77.14%	S:S31F direct on the poly
★ <u>JN.1.14 (BA.2.86.1.1.14)</u>	JN.1.14* (Nextclade)	36	2	70.89%	53.20%	88.58%	S:R346S
★ <u>JN.2.5 (BA.2.86.1.2.5)</u>	JN.2.5* (Nextclade)	600	50	68.25%	63.35%	73.14%	S:L455S
★ <u>XDD.1</u>	XDD.1* (Nextclade)	219	22	67.54%	60.25%	74.84%	S:S704L
★ <u>XDK</u>	XDK* (Nextclade)	519	36	66.48%	61.46%	71.50%	JN.1.1/XBB recombinant
★ <u>JN.1.17 (BA.2.86.1.1.17)</u>	JN.1.17* (Nextclade)	103	12	66.18%	56.06%	76.30%	S:A222V
★ <u>JN.1.8 (BA.2.86.1.1.8)</u>	JN.1.8* (Nextclade)	2 494	267	65.73%	62.99%	68.47%	ORF7a:T28I
★ <u>XDD.1.1</u>	XDD.1.1* (Nextclade)	120	4	64.90%	55.65%	74.15%	S:I584V
★ <u>XDR</u>	XDR* (Nextclade)	289	22	63.21%	57.00%	69.41%	JD.1.1/JN.1 recombinant
★ <u>JN.1.4 (BA.2.86.1.1.4)</u>	JN.1.4* (Nextclade)	25 658	1 868	62.80%	61.51%	64.09%	ORF1a:T170I NSP1:T170
★ <u>JN.1 (BA.2.86.1.1)</u>	JN.1* (Nextclade)	121 047	8 477	62.09%	61.23%	62.95%	S:L455S ORF1a:R3821K
★ <u>JN.1.4.2 (BA.2.86.1.1.4.2)</u>	JN.1.4.2* (Nextclade)	1 092	115	61.96%	58.46%	65.46%	S:N185D
★ <u>JN.1.21 (BA.2.86.1.1.21)</u>	JN.1.21* (Nextclade)	290	41	60.91%	55.06%	66.76%	S:H1058Y
★ <u>JN.1.4.1 (BA.2.86.1.1.4.1)</u>	JN.1.4.1* (Nextclade)	149	3	58.82%	51.15%	66.48%	S:E654V
★ <u>JN.1.6.1 (BA.2.86.1.1.6.1)</u>	JN.1.6.1* (Nextclade)	199	3	57.40%	50.83%	63.97%	S:R346T
★ <u>JN.1.15 (BA.2.86.1.1.15)</u>	JN.1.15* (Nextclade)	143	11	56.97%	49.40%	64.54%	S:A688V
★ <u>JN.1.22 (BA.2.86.1.1.22)</u>	JN.1.22* (Nextclade)	2 391	136	56.71%	54.36%	59.06%	C13019T ORF1a:S505F
★ <u>JN.1.9 (BA.2.86.1.1.9)</u>	JN.1.9* (Nextclade)	1 380	81	56.54%	53.65%	59.43%	S:Q183H
★ <u>JN.1.6 (BA.2.86.1.1.6)</u>	JN.1.6* (Nextclade)	958	47	55.12%	51.87%	58.36%	G22627A
★ <u>JN.1.1.5 (BA.2.86.1.1.1.5)</u>	JN.1.1* (Nextclade) + C9142T + S:R346T	103	18	52.48%	44.27%	60.69%	C9142T S:R346T

★ <u>JQ.2 (BA.2.86.3.2)</u>	BA.2.86.3* (Nextclade) + G2944A + S:R346T	12	8	52.24%	29.13%	75.35%	G2944A S:R346T
★ <u>JN.1.3 (BA.2.86.1.1.3)</u>	JN.1.3* (Nextclade)	248	15	51.80%	46.36%	57.24%	ORF8:Q18Stop
★ <u>JN.1.2 (BA.2.86.1.1.2)</u>	JN.1.2* (Nextclade)	1 937	75	49.46%	47.23%	51.69%	S:M1229I
★ <u>JN.1.10 (BA.2.86.1.1.10)</u>	JN.1.10* (Nextclade)	84	5	48.64%	40.10%	57.18%	S:T95I
★ <u>BA.2.86.1</u>	BA.2.86.1* (Nextclade)	137 922	8 738	47.66%	47.08%	48.25%	C12815T ORF1a:K1973F
★ <u>XDD</u>	XDD* (Nextclade)	1 214	83	47.66%	45.12%	50.20%	EG.5.1.1/JN.1/EG.5.1.1 r
★ <u>JN.1.5 (BA.2.86.1.1.5)</u>	JN.1.5* (Nextclade)	1 699	72	47.29%	45.06%	49.52%	ORF1b:V1271T NSP13:V
★ <u>BA.2.86</u>	BA.2.86* (Nextclade)	139 823	8 805	46.24%	45.68%	46.81%	Israel/Denmark Saltation
★ <u>JN.1.24 (BA.2.86.1.1.24)</u>	JN.1* (Nextclade) + S:C1243F	142	7	46.19%	39.80%	52.59%	S:C1243F
★ <u>JN.1.19 (BA.2.86.1.1.19)</u>	JN.1.19* (Nextclade)	1 115	66	45.84%	43.32%	48.36%	ORF8:I71V
★ <u>JN.1.2.1 (BA.2.86.1.1.2.1)</u>	JN.1.2.1* (Nextclade)	49	0	45.15%	34.63%	55.67%	S:H1101Y
★ <u>JN.1.12 (BA.2.86.1.1.12)</u>	JN.1.12* (Nextclade)	28	1	43.91%	30.33%	57.50%	S:F456V
★ <u>XDM</u>	XDM* (Nextclade)	30	0	41.89%	29.19%	54.60%	XDA/GW.5/XDA recombi
★ <u>JN.1.1.1 (BA.2.86.1.1.1.1)</u>	JN.1.1.1* (Nextclade)	462	16	41.59%	38.18%	45.01%	C1942T S:T572I
★ <u>JN.1.1 (BA.2.86.1.1.1)</u>	JN.1.1* (Nextclade)	15 589	699	41.25%	40.34%	42.16%	C11747T ORF1a:F499L I
★ <u>KN.1.1 (GK.1.10.1.1.1; XBB.1.5.70.1.10.1.1.1)</u>	KN.1.1* (Nextclade)	23	0	40.51%	26.36%	54.66%	S:N450D
★ <u>XDD.2</u>	XDD.2* (Nextclade)	26	0	40.10%	26.90%	53.31%	S:T307I
★ <u>GE.1.2.1 (XBB.2.3.10.1.2.1)</u>	GE.1.2.1* (Nextclade)	676	21	39.33%	36.58%	42.08%	S:R478T S:A376S
★ <u>BA.2</u>	BA.2* (Nextclade)	144 457	8 871	36.51%	36.08%	36.94%	
★ <u>JN.1.3 (BA.2.86.1.1.1.3)</u>	JN.1.1.3* (Nextclade)	54	2	36.31%	27.67%	44.95%	S:R346T ORF1b:H2388Y
★ <u>HV.1.11 (EG.5.1.6.1.11; XBB.1.9.2.5.1.6.1.11)</u>	HV.1.11* (Nextclade)	78	5	35.46%	28.34%	42.58%	S:N450D
★ <u>JG.3.2 (EG.5.1.3.3.2; XBB.1.9.2.5.1.3.3.2)</u>	JG.3.2* (Nextclade)	1 819	39	34.96%	33.30%	36.62%	S:N450D
★ <u>JN.1.1.4 (BA.2.86.1.1.1.4)</u>	JN.1.1.4* (Nextclade)	111	4	34.89%	28.96%	40.83%	S:V1264L
★ <u>JN.12 (BA.2.86.1.12)</u>	JN.12* (Nextclade)	37	2	34.66%	24.53%	44.79%	S:F456V N:S327L
★ <u>JN.1.1.2 (BA.2.86.1.1.1.2)</u>	JN.1.1.2* (Nextclade)	95	1	33.88%	27.61%	40.16%	S:G181E
★ <u>JN.3.2.1 (BA.2.86.1.3.2.1)</u>	JN.3.2.1* (Nextclade)	50	1	33.65%	25.07%	42.23%	S:F456V N:S327L
★ <u>KL.1.1 (HV.1.6.1.1.1; EG.5.1.6.1.6.1.1; XBB.1.9.2.5.1.6.1.1.1)</u>	KL.1.1* (Nextclade)	87	0	33.04%	26.57%	39.51%	S:H1101Y
★ <u>KL.1 (HV.1.6.1.1; EG.5.1.6.1.6.1.1; XBB.1.9.2.5.1.6.1.6.1.1)</u>	KL.1* (Nextclade)	414	4	31.11%	28.17%	34.06%	S:K444N
★ <u>GE.1.2 (XBB.2.3.10.1.2)</u>	GE.1.2* (Nextclade)	819	25	30.91%	28.79%	33.03%	S:N148T
★ <u>HV.1.9 (EG.5.1.6.1.9; XBB.1.9.2.5.1.6.1.9)</u>	HV.1.9* (Nextclade)	115	0	27.87%	22.76%	32.99%	S:N211I S:T1117I
★ <u>JN.2.2 (BA.2.86.1.2.2)</u>	JN.2.2* (Nextclade)	105	4	27.80%	22.45%	33.16%	S:T572I N:G25C ORF1a:
★ <u>HN.4.1.1 (FL.1.5.1.4.1.1; XBB.1.9.1.1.5.1.4.1.1)</u>	HN.4.1.1* (Nextclade)	60	0	27.40%	20.39%	34.40%	S:I68T S:L452R S:E554K
★ <u>JN.10 (BA.2.86.1.10)</u>	JN.10* (Nextclade)	366	8	27.29%	24.40%	30.19%	T3565C S:A475V
★ <u>JN.6 (BA.2.86.1.6)</u>	JN.6* (Nextclade)	691	14	27.28%	25.13%	29.42%	S:V193L
★ <u>JC.5.1 (XBB.1.41.1.5.1)</u>	JC.5.1* (Nextclade)	185	6	26.56%	22.60%	30.52%	S:Q173K
★ <u>JG.3.4 (EG.5.1.3.3.4; XBB.1.9.2.5.1.3.3.4)</u>	JG.3.4* (Nextclade)	86	2	24.99%	19.36%	30.61%	S:K478R

<u>Level 8</u>	[exactly-8-of: S:346, S:356, S:444, S:445, S:450, S:446, S:452, S:460, S:F486, S:490, S:494, S:493Q]& ! (S:346- I S:356- I S:444- I S:445- I S:450- I S:446- I S:452- I S:F486- I S:490- I S:494-) & !nextstrainClade:21K	168 157	7 611	24.82%	24.51%	25.13%	From Cornelius Roemer Quiroga and Cornelius R
★ KH.1 (JE.1.1.1.1; GJ.1.2.1.1.1.1; XBB.2.3.3.1.2.1.1.1.1)	KH.1* (Nextclade)	190	11	24.07%	20.33%	27.82%	N:L13F S:E554K
★ JN.11 (BA.2.86.1.11)	JN.11* (Nextclade)	247	2	23.85%	20.57%	27.13%	S:V1104L
★ FW.1.1.1 (XBB.1.28.1.1.1.1)	FW.1.1.1* (Nextclade)	168	1	23.78%	19.83%	27.73%	S:A684T ORF1a:S2285F NSP5:K90R
★ JN.4 (BA.2.86.1.4)	JN.4* (Nextclade)	563	8	23.68%	21.48%	25.88%	S:A475V
★ JN.2 (BA.2.86.1.2)	JN.2* (Nextclade)	4 864	105	22.93%	22.09%	23.77%	ORF1a:Y621C NSP2:Y441
★ HV.1.10 (EG.5.1.6.1.10; XBB.1.9.2.5.1.6.1.10)	HV.1.10* (Nextclade)	137	9	22.83%	18.53%	27.12%	S:R452W
★ HV.1.6.1 (EG.5.1.6.1.6.1; XBB.1.9.2.5.1.6.1.6.1)	HV.1.6.1* (Nextclade)	649	5	22.58%	20.56%	24.60%	S:S704L
★ JN.3.2 (BA.2.86.1.3.2)	JN.3.2* (Nextclade)	82	1	22.28%	16.80%	27.76%	N:H300Y ORF1a:P892S
★ JN.2.1 (BA.2.86.1.2.1)	JN.2.1* (Nextclade)	176	5	21.81%	18.09%	25.54%	S:S31F
★ BA.2.86.1 without JN.1	nextcladePangoLineage:BA.2.86.1* &! nextcladePangoLineage:JN.1*	16 875	261	21.61%	21.08%	22.14%	
★ BA.2.86 without JN.1	nextcladePangoLineage:BA.2.86* &! nextcladePangoLineage:JN.1*	18 776	328	21.10%	20.59%	21.61%	
HK.3.2.2 (EG.5.1.1.3.2.2)							

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The sequence data was updated: Yesterday at 5:39 AM

Nextclade dataset version: 2024-02-16--04-00-32Z

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